

FIG. 11a

Amino Acid Sequence of Thymosin β_4 and other β -Thymosins

	5	10	15	20	25	30	35	40	
HELIX.....				HELIX....			
Tβ ₄	ac-SDKP DMAEI EKFDK SKLKK TETQE KNPLP SKETI EQEKQ AGES								SEQ ID NO: 2
Tβ ₄ Ala	ac-ADKP DMAEI EKFDK SKLKK TETQE KNPLP SKETI EQEKQ AGES								SEQ ID NO: 3
Tβ ₄ Xen	ac-SDKP DMAEI EKFDK AKLKK TETQE KNPLP SKETI EQEKQ STES								SEQ ID NO: 4
Tβ ₉	ac-ADKP DLGEI NSFDD AKLKK TETQE KNPLP TKETI EQEKQ AK								SEQ ID NO: 5
Tβ ₉ Met	ac-ADKP DMGEI NSFDD AKLKK TETQE KNPLP TKETI EQEKQ AK								SEQ ID NO: 6
Tβ ₁₀	ac-ADKP DMGEI ASFDK AKLKK TETQE KNPLP TKETI EQEKQ SEIS								SEQ ID NO: 7
Tβ ₁₁	ac-SDKP NLEEV ASFDK TKLKK TETQE KNPLP TKETI EQEKQ AS								SEQ ID NO: 8
Tβ ₁₂	ac-SDKP DIAEV SNFDD TKLKK TETQE KNPLP TKETI EQEKQ ATA								SEQ ID NO: 9
Tβ ₁₂ perch	ac-SDKP DISEV TSFDD TKLKK TETQE KNPLP SKETI EQEKA AATS								SEQ ID NO: 10
Tβ ₁₃	ac-ADKP DMGEI ASFDK AKLKK TETQE KNPLP TKETI EQEKQ AK								SEQ ID NO: 11
Tβ ₁₄	ac-SDKP DISEV SSFDD TKLKK TETAEE KNPLP TKETI EQELT A								SEQ ID NO: 12
Tβ ₁₅	ac-SDKP DLSEV ETFDD SKLKK TNIEE KNPLP SKETI QOEKE YNQRS								SEQ ID NO: 13
Tβscallops	ac-SDKP FVSEV ANFDD SKLKK TETAEE KNPLP TKETI QOEKE A								SEQ ID NO: 14
Tβsea urch	ac-ADKP DVSEV STFDD SKLKK TETQE KNPLP TKETI EQEKQ G								SEQ ID NO: 15